

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/010526

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01P1/213

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 2003/231080 A1 (UMEDA KATSUMI ET AL) 18 December 2003 (2003-12-18) paragraphs '0043!', '0045!', '0048!', '0050!', '0053!', '0058!; figures 1,4	1,3-6, 11-13
A	EP 0 959 518 A (MURATA MANUFACTURING CO) 24 November 1999 (1999-11-24) paragraphs '0025! - '0027!; figures 1a-1c	1-13
A	EP 1 001 479 A (MURATA MANUFACTURING CO) 17 May 2000 (2000-05-17) paragraphs '0031! - '0035!; figures 1A-1D	1-13
A	EP 1 249 887 A (MURATA MANUFACTURING CO) 16 October 2002 (2002-10-16) paragraphs '0023! - '0026!; figures 1a-1c paragraph '0029!	1-13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

25 August 2004

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